Amendments to the Specification

Please amend paragraph [0038] as follows:

[0038] The converted file 205 is then automatically attached [[205]] 215 to the document status database 40 of the document management system 35. The converted file 205 is then reviewed and the contents used to edit other documents in the document status database 40. If the modifications of the converted file 205 are approved, a permission semaphore 235 is generated for transfer through the data synchronizer 200 to the recipe management system 220. The permission semaphore provides the control rules that permit activation of the modifications to the recipe of the manufacturing equipment 7a, 7b, . . . , 7n and 9a, 9b, . . . , 9n.

Please amend paragraph [0040] as follows:

[0040] Refer now to Fig. 5 for a discussion of the method to synchronize manufacturing data retained in a manufacturing specification database retention device and a documentation management system that has been detailed in the program process. A manufacturing practice specification that details the parameter for the "best known method" to execute a recipe in the process that includes operational instructions (OI) such as operational mode, chamber pressure, RF power, STOP conditions, etc., operating procedures, and policies necessary for fabricating a product is modified (Box 300). The online specification database 310 is updated (Box 305) or the document status database 320 that provides a vehicle for auditing the manufacturing practices is updated (Box 315). Since these are generally serial updates that may have a delay upon completion of either of the updates, the online specification database 310 and the document status database 320 are synchronized (Box 325). If the online specification database 310 is updated first, the file containing the modification of the parameters is extracted and converted to the file form at of the document status database 320. A filename providing user information identification and a serial number to provide a timing designation is generated and the file is automatically attached to the document status database 320. The documents are reviewed and a permission semaphore containing the operational control rules for the recipe of the manufacturing equipment being modified is generated. The permission semaphore is transferred to the manufacturing information system and the modifications to the specification are implemented (Box 330).

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